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CANADA

A Guide to the Academic Placement of Canadian Students in United States Educational Institutions

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WORLD EDUCATION SERIES

A SERVICE OF THE COMMITTEE ON THE EVALUATION OF FOREIGN STUDENT CREDENTIALS OF THE AMERICAN ASSOCIATION OF COLLEGIATE REGISTRARS AND ADMISSIONS OFFICERS

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U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
Office of Education

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Canada

A GUIDE TO THE ACADEMIC PLACEMENT OF CANADIAN STUDENTS IN UNITED STATES EDUCATIONAL INSTITUTIONS

1957

Prepared by
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Director of Admissions
University of California
with the assistance
of Miss Simone Sciobereti
and Miss Margaret Bray

Placement recommendations by the Council on Evaluation of Foreign Student Credentials, meeting February 16-17, 1956.

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Introductory Statement

Admissions officers in American colleges and universities at both the undergraduate and graduate levels have long been concerned with the problems of proper placement of students who come to the United States from other countries. Despite excellent service from the United States Office of Education, and the help given by publications such as Mrs. Sasnett's *Educational Systems of the World,* there is still a disturbing degree of diversity in the evaluation of foreign student credentials. In the hope of achieving greater uniformity in evaluation of such credentials and, more important, a placement that will insure the foreign student a greater chance of academic success, the American Association of Collegiate Registrars and Admissions Officers appointed in 1955 a special committee to arrange for reports on the educational systems of foreign countries, with recommendations for placement of students coming from those countries to educational institutions in the United States.

The Committee felt a need for coordinating the opinion of all groups interested in the placement of foreign students, so its first act was to arrange meetings which resulted in the organization of a Council on the Evaluation of Foreign Student Credentials. The membership of this Council is listed on the inside front cover. AACRAO's Committee invited individuals on United States campuses to prepare factual reports on educational developments in various countries. The educational institutions with which the individual authors are associated, are, of course, not responsible for the contents of the reports. These reports, while in manuscript, are reviewed by the Council on Evaluation and the Council incorporates into each report recommendations regarding academic placement of foreign students coming into United States educational institutions.

The following report on Canada is intended to help admissions officers to arrive at their own decisions on proper and equitable placement of individual students. Admissions officers should, of course, give due consideration to the purposes, organization, and requirements of their own institutions, and to the academic and personal needs and interests of each student concerned. In considering the problems involved in placement, admissions officers will find two current publications of great value: *Do-It-Yourself Evaluation of Foreign Student Credentials,* published by AACRAO as a part of this series, and *A Guide to the Admission and Placement of Foreign Students,* published by the Institute of International Education and related to this series.

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RESPONSIBILITY FOR PUBLIC EDUCATION

In Canada, as in the States of the United States, the individual Provinces are responsible for the organization and support of public education.

ELEMENTARY EDUCATION

Details vary from province to province in that the 7th and 8th years may be organized in a junior high school, or that after the 6th year, in some provinces, the student may enter a vocational school; but in general one is safe in assuming that the first eight years of schooling are elementary (except in Quebec where it is seven), and that the secondary school begins with grade IX. A Certificate of Completion is usually given at the end of the elementary period. Transfer to a United States school either from the elementary school or at the end of the elementary school period should ordinarily follow a chronological order—the 8th grade certificate should admit to a United States 9th grade.

SECONDARY EDUCATION

In six provinces—Newfoundland, Prince Edward Island, Nova Scotia, New Brunswick, Quebec, and Manitoba—the high school course is three years in length, grades IX, and X, and XI leading to high school graduation and junior matriculation. In Alberta, British Columbia, and Saskatchewan, grade XII is required for admission to the provincial university. In Alberta and Saskatchewan this is called senior matriculation. In British Columbia and in Ontario grade XII is called junior matriculation or, quite often, just high school graduation.

In most of the provinces a first year of college is offered in the high schools, leading to senior matriculation—grade XII in most, grade XIII in Ontario and British Columbia. Some universities, including certain ones in Ontario, require senior matriculation for admission. Universities that require only junior matriculation, often give advanced standing for senior matriculaton.

"Graduation" (junior matriculation) in academic programs has been a provincial Department of Education matter rather than a prerogative of the school. For junior matriculation in most of the schools this is still true, but in the provinces of British Columbia, Ontario, Alberta, and Manitoba certain schools, variously called "accredited," "Collegiate Institutes," or "approved," have the right to recommend junior matriculation. Probably this trend toward the United States practice in relation to accredited schools will develop further.

Grading Practices: Grading standards are bound to vary somewhat among the provinces, but probably no more than is true among United States high schools.

In evaluating secondary school records issued by schools or provincial Departments of Education in Canada covering junior or senior matriculation studies, the following conversion scales have been found reasonably valid for the selection of students or for comparison with high school grades in the United States:

U. S. High School Four Passing Grades		*Canadian* Provincial Grades
A	=	76 - 100
B	=	60 - 75
C	=	54 - 59
D	=	50 - 53

If the United States college uses an average for selection or comparison of United States applicants, it is suggested that the Canadian average be computed first. An average of 68 then becomes a solid grade "B", a 74 a high "B plus," and a 61 a "B minus." The above scale may be readily applied in computing averages where marks are given numerically, specifically in Manitoba, Quebec, Saskatchewan and the Maritime Provinces. It may also be used in Alberta and British Columbia in those cases where numerical grades are given, although in Alberta it should be modified to include marks of 40 to 49 in the "D" group.

Where letter grades only appear to be available in some older cases from Alberta, the following conversion is suggested:

U. S.		*Alberta*
A	=	H
B	=	A
C	=	B
D	=	C

Where letter grades are shown in British Columbia (most grade XII cases) the following is suggested:

U. S.		*British Columbia*
A	=	A
B	=	B and C+
C	=	C
D	=	C-

Marks in Ontario are given as 1st, 2nd, 3rd, and C (credit without proficiency). The following conversion is suggested:

U. S.		*Ontario*
A	=	1st
B	=	2nd and 3rd
C	=	C

Diversity: While there is a considerable degree of similarity in the secondary schools among the various provinces, there are enough differences so that each province needs to be treated in some detail. For that reason this pamphlet contains a separate chapter on each province. Some of the schools in Quebec are markedly different from any of the schools in other provinces.

COLLEGE ENTRANCE EXAMINATION BOARD TESTS

Except for the provinces of Quebec and Ontario where much attention is given to French, and where in many schools (especially in Quebec) French is the medium of instruction, Canadian students should not vary markedly from American students on the College Entrance Examination Board Scholastic Aptitude Test. There is, however, likely to be considerable variation in some of the subject tests, especially in history.

PLACEMENT OF JUNIOR AND SENIOR MATRICULATES IN UNITED STATES COLLEGES

A majority of United States colleges and universities appear to give freshman standing on junior matriculation, and advanced standing to as much as 30 units for senior matriculation. But colleges in States near the Canadian border more often seem to require the completion of the 12th year for admission to freshman standing. There may be a difference of practice here that ought to receive further study.

If the sole test of probable success in college work is applied, admission to freshman standing *on the basis of good grades* in junior matriculation is entirely justified. Elimination of Canadian high school students in the academic programs is severe, giving junor matriculation to approximately 15 per cent of those who start high school work. It is therefore recommended that grades be converted to the usual United States A-B-C-D scale, and admission to freshman standing be granted on junior matriculation to those applicants whose grades are at the level the United States college has found necessary for scholastic success. *Applicants below this level should either not be admitted or held for higher grades on senior matriculation.*

The same general principles apply to advanced standing credit for senior matriculation. Senior matriculation grades are usually based on the same standards as junior matriculation, and the same conversion scale may be used. *If the grades are at the level indicating probable success* in a particular United States college, credit may safely be allowed for the senior matriculation year up to as high as 30 units. Care should be exercised in the field of science—*many will not have had laboratory experience* equivalent to United States courses in chemistry, physics or biology—but the provincial examinations passed with good grades will guarantee fundamental knowledge. If the United States college wishes additional protection, *advanced standing credit may be made provisional,* that is, conditional on the achievement of a satisfactory United States record.

COLLEGES AND UNIVERSITIES OF CANADA

With the exception of Laval University, University of Montreal, and the classical colleges of Quebec, Canadian universities and colleges are reasonably similar to United States institutions. In this report each college or university is listed either in the province in which it is located, or with reference to the university with which it is affiliated.

The "affiliated college" is a French or English type of relationship, rather than like anything we have in the United States. For example, in Quebec there are many small classical colleges which do not grant degrees themselves, but for whom Laval University grants the bachelor's degree. In Ontario, affiliation is essentially what we in the United States mean by accreditation. Sometimes there may be joint use of libraries, e.g., Western Ontario. In connection with Laval. and possibly others, there are colleges called *"agreges,"* a term applied to affiliated colleges located in other provinces.

HONORS IN CANADIAN UNIVERSITIES

Study for the honors degree usually begins with the second year of residence, and is permitted at a somewhat lower level of scholarship than is usually true in United States colleges; a satisfactory standing, about a "C" grade or third class honors, is all that is usually required. The degree with honors in United States colleges is a mark of scholastic distinction; in Canada it is both a scholastic distinction (although less so than in the United States) and a markedly different program of studies. Good students may, if they wish, study in the pass or general program; in this case they will not usually complete what we in the United States call a "major." *Students who intend to do graduate work are well advised to study in the honors program.*

In most Canadian universities the honors program is a year longer than the pass program (see, however, the listings of degrees under each college). In British Columbia both the pass and honors program call for four years of study after grade XII, and second class honors in the major field is required to continue as an honors student. The generalizations may be made that *the honors student is much better trained in his major field and has been up against more severe scholastic competition* than the pass student.

In considering applicants for transfer previous to the bachelor's degree, no difference in allowance of credit need be made in the pass or honors courses, since the transfer student will be held for the subject requirements of the American college.

In considering the Canadian applicant for graduate standing, *the "pass" graduate will not ordinarily have completed a major,* as the term is used in American universities, *and therefore should usually be held for a semester of advanced undergraduate courses in the field to be studied in the graduate division, prior to being permitted to enroll in graduate classes.* The "honors" graduate will usually be ready to enter graduate work, subject, of course, to the quality of his scholarship as an undergraduate student.

Alberta

| Elementary (1-6) | Junior High (7-9) | Senior High (10-12) | University of Alberta (13-15) |

Senior Matriculation

ELEMENTARY AND SECONDARY SCHOOLS

The housing of elementary and secondary classes does not always follow the 6-3-3 plan implied in the chart above—in smaller schools all three may be housed in one plant.

The basic programs of the schools at all levels are prepared by the provincial Department of Education and prescribed for use, with some allowance for local interpretation and initiative. English, social studies, and health education are high school constants; the number of choices available to the student varies with the size of high school, but all provide an academic program in preparation for provincial examinations.

Recently adopted course numbering calls for sequence of 10, 20, and 30 for courses in the 10th, 11th, and 12th years.

Strictly speaking, there is no junior matriculation status in Alberta at the present time, although the University of Alberta gives the pass degree in three years after senior matriculation (grade XII).

Recommendations on Secondary Education: Up to the completion of grade XI, transfer to high schools in the United States should follow a chronological basis for transfer. Completion of grade XI, *if exceptionally high grades have been made,* may warrant admission to freshman standing in the United States; check carefully, however, on the program of studies completed, especially in foreign language. Completion of grade XII with exceptionally high grades may warrant some advanced standing. *With average grades below 70, no advanced standing should be given.*

UNIVERSITY OF ALBERTA, EDMONTON

Admission Requirements: Senior matriculation, grade XII, with English, social studies, algebra, geometry-trigonometry, physics, chemistry, a foreign language, and a minimum scholastic average of 60 (65 in Engineering).

Degrees:

Bachelors:

Arts—3 years, 4 years for honors
Science—3 years, 4 years for honors
Science in Agriculture—4 years
Science in Engineering—4 years
Science in Household Economics—3 years
Commerce—3 years, honors 4 years
Education—4 years
Education in Industrial Arts—4 years
Education in Physical Education—4 years
Education in Agriculture—4 years
Laws—3 years after B. A.
Science in Nursing—5 years
Science in Pharmacy—3 years plus practical experience

Masters:

Arts—2 years after pass, 1 after honors
Science—2 years after pass, 1 after honors
Education—years not fixed

Doctors:

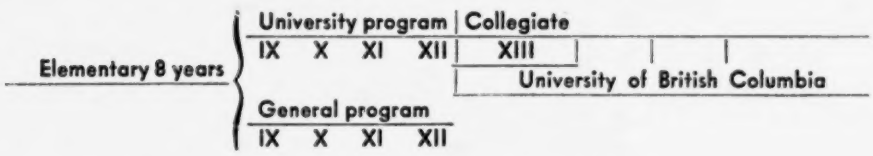
Dental Surgery—4 years plus 1 predental
Medicine—4 years plus 2 premedical
Philosophy—at least 3 graduate years
Science—at least 7 graduate years

Affiliated Colleges:

St. Stephen's, Edmonton (Theological College—United Church)
St. Joseph's, Edmonton (Arts—Catholic)
Provincial Institute of Technology and Art, Calgary
Mount Royal College, Calgary. Junior college, offers first year in Arts, Science and Commerce. The acceptance of this year's work for credit above the United States freshman year should depend on the quality of Grade XII work—see above.

Recommendations: The United States college should scrutinize the transcripts for subjects not applicable to its own degree, e.g., credit for courses in nursing may not be acceptable in a liberal arts college, or credit in particular fields, such as art or music, may be limited. With this limitation in mind, accept applicable credits from the University of Alberta and its affiliated colleges on a year-for-year basis.

British Columbia



SECONDARY SCHOOL PROGRAM

Curriculum: The *general program* has as constants English, 4 years; social studies, 3 years; general mathematics, 1 year; health and personal development, 3 years. Constants make up 55 of the 120 units required for graduation. Electives cover a broad field and must include a major.

The *university program* has the same constants as the general program, plus two years of mathematics, two years of science (the first year of science is equivalent to general science), and two years of foreign language, making a total of 85 units of constants. Electives total 35 units.

Graduation: Graduation from the general program is an internal matter, subject to the approval of a provincial inspector. Graduation from the university program is a matter of acceptance of standing by provincial authorities, based either on recommendation of the principal of an accredited high school, or on provincial examinations.

Credentials are issued by the provincial office, and show normal progress courses and some advanced courses. Constant courses in the university program are numbered 10, 20, 30, 40; advanced electives are numbered 91, 92, in grades XI and XII; grade XIII courses are numbered in the 100's.

Numbering and Content of Selected Secondary School Courses: (It will be realized that courses are frequently revised and numbering systems changed. The list below was in effect in 1955-1956.)

ENGLISH:

English 10, 20, 30, 40—regular sequence of composition and literature
English 21, 31, 41, 93—remedial or special English
English 32—journalism
English 91—English literature
English 100—grade XIII literature
English 101—grade XIII composition

LANGUAGES:

10, 20, 91, 92—regular 4 year sequence (in Greek 91 and 92 are introductory courses)
110, grade XIII, is equivalent to 91 plus 92
120, grade XIII, follows 92
A student who has either 10, 20, or 10, 20, 91 will go into 110 in grade XIII, but those without 91 will take an extra hour per week.

MATHEMATICS (in the process of reorganization in 1955):

Math. 10—general mathematics
Math. 20, 30—integrated course covering algebra and geometry
Math. 11, 12—practical and business mathematics
Math. 21—occupational mathematics
Math. 91—second year algebra and trigonometry
Math. 100—college algebra (follows 30)
Math. 101 (based on Sisam: *College Mathematics*) — 91 is prerequisite

SCIENCE:

Science 10, 20 are introductory (not laboratory)
Biology 91—equivalent to high school 11th or 12th year biology
Biology 100—grade XIII general biology with laboratory
Chemistry 91—11th and 12th grade chemistry with laboratory
Chemistry 101—general college chemistry
Physics 91—11th or 12th grade physics with laboratory
Physics 101—general college physics with laboratory

SOCIAL STUDIES:

S. S. 10—Canadian and world geography
S. S. 20—world history and civics
S. S. 30—Canadian history and geography
S. S. 33—economic geography
Geography 91—Canadian and world geography
History 91—modern history
History 101—grade XIII recent World history
History 102—grade XIII history of Canada

Majors: A major subject is defined as a study of the student's choice in which he has taken the prescribed advanced elective course or courses, numbered "91" or above, with their prerequisite courses. For example, the following sequences of courses would constitute majors in the subjects indicated:

Mathematics 10, 20, 30, 91
Latin 10, 20, 91, 92
English 10, 20, 30, 40, 91

For the time being curricular development does not justify the offering of majors in all subjects.

High School Graduation: In order to graduate from high school in the *general program,* students must present 55 credits in the prescribed constants, and a minimum of 65 credits in electives. These constants and/or electives must include one major subject of the student's choice.

In order to graduate from high school in the *university program,* students must present at least 85 credits in the prescribed minimum constants, and 35 credits in electives. These constants and/or electives must include three major subjects of the student's choice.

Subjects of Departmental (Provincial) Examinations:

GRADES XI AND XII:

English 40, 91, 93	Mathematics 30, 91	Biology 91
Social studies 30	French 92	Chemistry 91
Geography 91	German 92	Physics 91
History 91	Latin 92	Bookkeeping 91
Economics 92	Music 41	Secretarial practice 92, 93
Law 93	Spanish 92	Bible literature 40

Note: The Province will allow standing in 11th and 12th year courses from an accredited high school upon the recommendation of the principal if the school grades are A, B, C+ or C; if school grade it C−, departmental examinations must be taken.

GRADE XIII—credit given by examination only:

English 100 (literature)	Chemistry 101
English 101 (composition)	Physics 101
History 101 (world)	French 110, 120
History 102 (Canadian)	German 90, 110, 120
Mathematics 100, 101	Greek 90, 101
Biology 100	Latin 110, 120
	Spanish 110, 120

Note: Superior grade XII students may carry one or two grade XIII courses for college credit.

Grading and Grading Standards: Internal grading is recommended by the provincial department as follows:

A = 86-100	5% of total group
B = 73-85	20% of total group
C+ = 66-72	15% of total group
C = 58-65	20% of total group
C− = 50-57	15% of total group
D = conditional failure	20% of total group
E = definite failure	5% of total group

Recommendations for Transfer to United States Schools and Colleges: Previous to finishing grade XII, accept work on a year-for-year basis. After *completion of grade XII,* accept provincial grades for subject credit. Equivalence of grading standards for purposes of admission are difficult to determine, but will approximate the following conversion scale:

U.S. five point scale	Canadian provincial grades
A	76-100
B	60-75
C	54-59
D	50-53
F	Below 50

Completion of grade XIII with satisfactory examination grades should entitle the applicant to a maximum of 30 units of advanced standing, in accordance with subjects passed; however, laboratory science (biology, chemistry, and physics) may not be equivalent in laboratory work to first year college courses in standard United States colleges.

UNIVERSITY OF BRITISH COLUMBIA

Admission Requirements: Freshman standing is allowed on the Junior Matriculation Certificate; up to one year of advanced standing is allowed for the Senior Matriculation Certificate.

Degrees:

Bachelors:

Arts—general or honors, 4 years after junior matriculation
Home Economics—4 years
Physical Education—4 years
Science in Agriculture—4 years, general; 5 years, honors
Commerce—4 years after senior matriculation
Applied Science—4 years after senior matriculation
Architecture—5 years after senior matriculation
Science in Nursing—5 years after senior matriculation
Science in Forestry—4 years after senior matriculation
Science in Pharmacy—4 years including 1 year in arts, also requires 1 year apprenticeship
Education—1 year after bachelor's degree, plus at least 1 year teaching experience
Social Work—1 year after bachelor's degree; field work additional
Laws—3 years after 2 years in Arts

Masters:

Arts—minimum of 1 year but generally 2 years after B.A.
Social Work—1 year for holders of B.S.W.
Commerce—1 year for holders of B. Com., 2 years for holders of B.A., LL. B., B.A. Sc., B.S.F., B.S.A., or B.S.P.
Science—minimum of 1 year, but generally 2 years, after an approved bachelor's degree
Applied Science—1 year for holders of B.A. Sc.
Forestry—1 year for holders of B.S.F.
Science in Agriculture—2 years for holders of B.S.A., general: 1 year for holders of honors degree

Doctors:

Medicine—4 years after B.A. or 3 years in Arts
Philosophy—3 years for holders of a master's degree or a bachelor's degree with honors; at present available only in agricultural microbiology, biochemistry, biology, chemistry, forestry and biology, forestry and zoology, mathematics, metallurgy, physics, physiology, psychology (clinical), zoology.

Diplomas:

Public Health Nursing—1 year for graduate nurses
Clinical Supervision in Schools of Nursing—1 year for graduate nurses
Agriculture—occupational course, 1 year
Education—1 year for the holder of an approved degree
Hospital Administration (in co-operation with the Vancouver General Hospital)
Criminology

Grading: First class implies an average of 80 or more; second class 65-79; passed, 50-64. Conversion to the four passing grades in the United States may usually be A = 80-100; B = 65-79; C = 57-64; D = 50-56.

Honors: Ordinarily a standing not lower than second class is required for admission to honors. The degree in honors involves greater concentration on major study, and a thesis in the major field.

Affiliated Colleges:

Victoria College—offers the first two years in Arts and Sciences, Commerce, and Education
Union College of British Columbia—a school of theology (United Church)
Anglican Theological College of British Columbia—a school of theology

Recommendations: *Subject credit* should be allowed on a year-for-year basis, in accordance with the individual institution's policy as to acceptance of special subjects, e.g., theology, nursing, etc.
Admission when a quality scholastic standing is required: Convert grades according to scale above.

Admission to graduate standing: Both the pass and honors degrees are acceptable as degrees. *The degree with honors involves more work and a greater concentration in the major, and guarantees a reasonably high scholastic standing.* An applicant admitted to graduate standing with a general or pass degree should be held for at least one semester of undergraduate work in the field of his prospective graduate studies.

Affiliated colleges: Consider on the same basis as work taken in the University of British Columbia.

THE CANADIAN SERVICES COLLEGE, ROYAL ROADS, VICTORIA (FEDERAL)

Two year academic and service training course for Armed Services Officer Cadets. Course may be completed at Royal Military College, Kingston, Ontario. See report on Royal Military College.

NOTRE DAME COLLEGE, NELSON

Two years liberal arts from British Columbia junior matriculation. A Roman Catholic institution affiliated with Gonzaga University, Spokane, Washington, United States, where students are admitted after completion of any year. The degree of Bachelor of Arts is granted by Gonzaga on the completion of the third and fourth years in residence at Gonzaga (co-educational).

Recommendations: For purposes of transfer to United States colleges, allow credit up to 30 units for the first year (equivalent to grade XIII) if senior matriculation is passed with satisfactory grades. Allow up to 30 units of additional credit for the second year; check for courses not applicable to degree credit in your college.

Manitoba

Elementary 8 years; Secondary { 9, 10, 11 High School Leaving (noncollege prep.) / 9, 10, 11 Vocational (noncollege prep.) / IX, X, XI, XII General (academic college prep.)

SECONDARY SCHOOL PROGRAM

Credit for grade X is given on authorization of provincial inspector, based on school examinations, departmental achievement tests, and direct knowledge of the student. If his average standing is 67 per cent or better, and if he has no failures, the student is permitted to enter the accelerated grade XI program. He then may write the Junior Matriculation Examinations at the end of grade XI. All credit for grade XI, general course, is given on the basis of provincial examinations, or on recommendation of accredited "Collegiate Institutes." Full credit for grade XI admits to grade XII. A student with a deficiency may take grade XII work, but not in the field of his deficiency. In such a situation the transfer should not receive a full year's college credit for grade XII.

Students living at a distance from a school, or attending a school with limited curricula, may take courses by correspondence. Grade IX correspondence courses are graded by teachers, grades X and XI by the provincial department.

Recommendations: *For transfer to United States high schools* prior to successful passing with good grades of examinations at the end of grade XI, place at the same level as in Manitoba; i.e., Grade IX equals U. S. 9th; Grade X equals U. S. 10th; Grade XI with deficiencies or with provincial examinations not passed equals U. S. 11th.

For purposes of high school equivalence: Grade XI with provincial examinations passed at average of 60% or higher may be equated to U. S. high school graduation. Grade XII with provincial examination passed with good grades may be equated to first year college credit for subjects passed.

For admission and classification in college or university: Accept junior matriculation for freshman standing, in accordance with your own subject and scholarship requirements. Subjects should be accepted on the basis of provincial examinations passed or the recommendations from a collegiate institute—see subject list under University of Manitoba. Lowest passing grade in provincial examinations is 50; some divisions of the University of Manitoba require a minimum of 60 for full acceptance. Convert grades to United States four passing grades: A = 76-100; B = 60-75; C = 54-59; D = 50-53; F = below 50.

Accept senior matriculation for sophomore standing (except in colleges of engineering that require trigonometry for admission to freshman standing) in accordance with your own subject and scholarship requirements. Subjects should be accepted only on the basis of examinations passed—see subject list under University of Manitoba.

UNIVERSITY OF MANITOBA, WINNIPEG

Admission Requirements: *Junior matriculation* admits to the first year in arts and science, agriculture, commerce, home economics, fine arts, education, interior design. The junior matriculation subjects required for this purpose are English II (literature, composition, grammar); Social studies II (Canadian history); Mathematics II (elementary algebra and plane geometry); choice of Latin II, French II, or German II; choice of Physics II, Chemistry II, Biology II; and one from the following: additional language, additional science, music, home economics, general shop, art, commercial, and regional geography.

Senior matriculation admits to the first year of architecture and engineering, and to the second year of arts and science, agriculture, commerce, home economics, and pharmacy. The senior matriculation subjects required for this purpose are English III (literature and composition); Mathematics III (algebra, geometry, and trigonometry); Language (Latin III, French III, or German III); and two from Physics III, Chemistry III, Biology III, Music III, Social Studies III, additional foreign language. Options must fit the student's major.

Degrees:

Bachelors (time is from junior matriculation unless otherwise noted):
- Arts—4 years, general; 5 years, honors
- Science—4 years, general; 5 years, honors
- Science in Home Economics—4 years
- Fine Arts—4 years
- Science in Agriculture—5 years
- Commerce—general (regular option), 4 years; honors, 5 years; actuarial science option, honors, 5 years
- Pedagogy—general, 4 years; honors, 5 years
- Interior design—4 years (an average of 60% on the junior matriculation subjects is required for entrance)
- Architecture—5 years after 1 year in Arts and Science
- Science in Engineering—4 years after 1 year in Arts and Science (departments: civil, electrical, mechanical, and geological engineering; and engineering physics)
- Science in Pharmacy—3 years after 1 year in Arts and Science; 2 years apprenticeship required
- Education—2 years after academic degree
- Laws—4 years after 2 years in Arts
- Social Work—1 year after academic degree; field work and lectures

Masters:
- Arts—1 year after B. A., honors; 2 years after B. A., general
- Architecture—1 year after B. Arch.
- Education—time varies
- Science—1 year for holders of B. Sc., honors, B. Sc. (Eng.), B. S. A., B. Sc. (H. Ec.), B. Sc. (Med.), 2 years for holders of B. Sc., general
- Social Work—1 year after B. S. W.
- Laws—2 years (evening lectures) after LL. B.
- Architecture (Community Planning)—1 year after B. Arch.
- Science (Community Planning)—1 year after B. Sc. (Eng.)

Doctors:
- Medicine—5 years after 3 years in Arts and Science, and 1 year internship
- Philosophy—3 years for the holder of B. A., honors, B. Sc., honors, or the equivalent

Diplomas: Agriculture, 2 years; Homemaking, 5 months; Dairying, 3 months; Associate in Music, time indefinite; Licentiate in Music, time indefinite.

Certificate: Nursing Education—1 year for graduate nurses.

Affiliated Colleges: The first four institutions listed below grant their own degrees in divinity. The University of Manitoba grants all other degrees given in the province.

St. Boniface College, St. Boniface—Arts (Roman Catholic)

St. John's College, Winnipeg—Arts (Church of England)
United College, Winnipeg—Arts and Theology (United Church of Canada)
St. Paul's College, Winnipeg—Arts, English (Roman Catholic)
Brandon College, Brandon—Arts, Science, Education, Music
Manitoba Law School, Winnipeg

Recommendations: *Subject credit* should be allowed on a year-for-year basis.

Admission when a quality scholastic standing is required: A = 80-100; B = 65-79; C = 57-64; D = 50-56; F = below 50.

Admission to graduate standing: Both the pass and honors degrees are acceptable as degrees. The degree with honors is based on an entirely satisfactory scholastic standing, with greater concentration on the major. The applicant who holds only the pass degree should ordinarily be held for at least one semester of upper division course work in the field of his intended graduate study.

Affiliated colleges: Consider on the same basis as work taken in the University of Manitoba.

New Brunswick

Elementary (1-8)	IX	X	XI	XII
Grades 7-8 may be combined with high school			Junior Matriculation	Senior Matriculation

SECONDARY SCHOOL PROGRAM

The secondary schools of New Brunswick are variously known as high schools ("rural" being academic; "regional" being comprehensive), grammar schools, and superior schools. In addition there are two vocational schools and one technical institute. An accredited high school may recommend graduation (i.e., matriculation certificate) to provincial authorities.

Recommendations: Junior matriculation equals high school graduation and senior matriculation with good grades warrants granting of not to exceed 30 units of advanced standing. As in other Canadian provinces, check the subjects in the 12th year for applicability to the student's major. Check also the level of scholarship indicated by examination grades.

UNIVERSITY OF NEW BRUNSWICK, FREDERICTON

Admission Requirements: Junior matriculation with English, algebra and geometry; and four additional subjects chosen from French, history, Latin, chemistry, physics, biology, trigonometry.

Degrees:

Bachelors:
Arts, both general and honors—4 years
Science, both general and honors—4 years

Science in Civil, Electrical, and Mechanical Engineering—5 years
Science in Forestry—5 years
Business Administration—4 years
Civil Law—3 years after B. A.
Education—1 year after B. A. or B. Sc.
Masters: Arts, also Science
Doctorate: Doctor of Philosophy in Chemistry—2 years after M. Sc.

Pre-engineering courses in chemical and mining engineering, three years in length, admit to the Nova Scotia Technical College, where two more years must be spent to secure the degree in engineering.

Recommendations: Accept applicable courses on a calendar basis; accept bachelor's degree for graduate standing. Holders of the general degree should do additional work in the proposed graduate major.

MOUNT ALLISON UNIVERSITY, SACKVILLE

Nonsectarian in instruction, but connected with United Church of Canada.

Admission Requirements: Junior matriculation with English, algebra, geometry, two foreign languages, and two additional subjects chosen from other academic fields.

Degrees:

Bachelors: Arts, Commerce, Music, Fine Arts, Science, Science in Home Economics—4 years; Education, 1 year beyond bachelor's degree
Masters: Arts, 1 or more years beyond B. A.; Science, 1 or more years beyond B. Sc.; Social Work, 2 years beyond B. A.

Diplomas: Engineering, Music, Fine Arts, Applied Arts, Secretarial—3 years

Recommendations: Accept applicable credits on a calendar basis; accept degree for admission to graduate standing.

UNIVERSITE SAINT-JOSEPH, ST. JOSEPH

Coeducational, bilingual, Catholic.

Admission Requirement: Junior matriculation.

Degrees:

Bachelors: Arts, Science, Science in Business Administration, 4 years; Pedagogy, 1 year beyond B. A.
Master of Arts, 2 years beyond the B. A.

Affiliated Colleges:

College Notre-Dame d'Acadie—gives B. A. program
College de l'Assomption—gives first two years of B. A. program

Recommendation: Allow applicable credits on a calendar basis.

UNIVERSITE SAINT-LOUIS, EDMUNSTON

Organized in 1946.

Admission Requirement: Junior matriculation.

Degrees and Diplomas:

Faculté des Arts et Collège Maillet:
- Baccalauréat ès arts—4 années après l' immatriculation
- Maîtrise ès arts—1 an après le B. A.
- Doctorat—sous la direction d'un professeur de l'Université et aux conditions exigées par le Conseil, selon la matière
- Diplôme de compétence domestique—4 années après l'immatriculation
- Baccalauréat en Pédagogie—1 an après le B. A.
- Diplôme en Sciences Commerciales—4 ans

Ecole de Musique (musique profane):
- Baccalauréat en Musique—3 ans après le diplôme complémentaire
- License en Musique—2 ans après le Baccalauréat en Musique

Ecole de Musique (chant grégorien):
- Diplôme de l'élève—après l'obtention des certificats des 3 premiers degrés
- Diplôme du professeur

Ecole des Sciences Sociales:
- Baccalauréat en Sciences sociales—2 ans
- Maîtrise en Sciences sociales—1 an après le B. Sc. Soc.

Ecole des Gardes-Malades: Diplôme de garde-malade—3 ans

Ecole d'Agriculture: Diplôme d'Agriculture

Recommendations: Accept applicable credits on a calendar basis. Note, however, that some of the specialized baccalaureates are issued on two or three years beyond junior matriculation.

Newfoundland

			Commercial
Elementary			Academic
8 years	IX	X	XI

SECONDARY SCHOOL PROGRAM

Secondary schools of Newfoundland carry somewhat to an extreme the idea of many subjects each pursued for several years, as opposed to the United States plan of year-length units. Consequently complete dependence must be placed on examinations (true also of other provinces, but in a lesser degree). Civics, for example, is required for one period per week from grade IV through grade XI. Physics and chemistry are elective subjects running through grades IX, X, and XI.

From the point of view of transfer to United States institutions, it will be better to list the examination requirements, rather than to attempt to list constants and electives. Academic examinations are offered at the end of grade XI in the following 19 subjects: English language and literature, mathematics (algebra, geometry and trigonometry), history, Latin, Greek, French, German, Spanish, physics,

chemistry, botany, general science, physiology, geography, geology, economics, navigation, art, music.

To secure a Pass Diploma a candidate must score 50 per cent or over in English language, English literature, and four other subjects from the list above. A candidate must score above 55 per cent to secure matriculation rights. A score of 75 per cent entitles the candidate to an Honors Diploma.

Recommendations: Transfer to United States high schools on a calendar basis, except that grade XI examinations passed with good grades should be considered equivalent to high school graduation.

The passing of grade XI examinations with proper grades should admit to freshman standing in United States colleges. Examination grades may be converted to United States grades in accordance with the following scale: A = 76-100; B = 60-75; C = 54-59; D = 50-53.

MEMORIAL UNIVERSITY OF NEWFOUNDLAND, ST. JOHN'S

Admission Requirements: An average standing of not less than 55 per cent on six examinations as listed below:

1. English
3. Mathematics
3. History
4. One of chemistry, physics, botany, geography, general science (chemistry, physics or botany recommended)
5. One of French, German, Latin, Greek, Spanish
6. Another subject from 4 or 5 above, or one of music, navigation, geology, physiology, economics

Note: Applicants short the foreign language requirement may be admitted as "conditional students."

Grading Standards:

Class I = 80% or over
Class II = 65% - 79%
Class III = 50% - 64%

Aegrotat status—any student who has been absent from an examination for reasons qualifying him to write a deferred examination may, in exceptional circumstances, be given credit without being required to write the deferred examination.

Degrees:

Bachelors: Arts, Science, Education—4 years
Masters: Arts 1 to 2 years after B. A.; Science, 1 to 2 years after B. Sc.

Diplomas and Preprofessional Courses:

Engineering—3 years
Household Science—2 years
Preagricultural—3 years
Predental—2 years
Premedical—3 years
Education courses qualifying students for the various Teachers' Certificates of the Department of Education for the Province of Newfoundland

Recommendations: Accept credit and degrees on a time basis insofar as the subjects covered meet your requirements for the degree. Accept the bachelor's degree for graduate standing.

Nova Scotia

SECONDARY SCHOOL PROGRAM

Subjects by Years:

9th—English, social studies, general science, health and physical education, and two electives

10th—English, social studies and at least three other subjects (mathematics is made up of elementary algebra and geometry)

11th—English, history, and three electives (mathematics completes the elementary algebra and plane geometry)

12th—English, social problems and three electives (mathematics is made up of algebra and trigonometry)

Provincial Examinations: Provincial examinations are provided at the end of both the 11th and 12th years. A passing grade of 50 is required. Successful students receive junior and senior matriculation.

Recommendations: High schools receiving transfers should accept Nova Scotian students at the grade level achieved, and with subject credit as shown on a school or provincial certificate. Colleges which have a required pattern of subjects for admission should accept a grade of 54 or higher as satisfying a subject requirement. Colleges which require a quality standard for admission should accept provincial examination standings in accordance with the following scale:

U. S. High School Grades	Provincial Examination Grades
A	76-100
B	60-75
C	54-59
D	50-53
F	below 50

ACADIA UNIVERSITY, WOLFVILLE

Admission Requirement: Junior matriculation

Degrees:

Bachelor: Arts, Science, Science in Home Economics, Science in Industrial Arts, Music, Theology—4 years; Divinity, B. A. plus 3 years; Education, B. A. or B. Sc. plus 1 year

Masters: Arts, 1 year after B. A.; Music, 1 year after bachelor's degree in music

Diplomas: Home Economics, 2 years; Engineering, Secretarial Science —3 years; Licentiate in Music—3 years. Preprofessional courses to meet requirements of professional schools in other provinces: dental, engineering, law, medicine, pharmacy, social work.

Recommendations: Accept credits on calendar basis. Accept bachelor's degree for graduate standing.

DALHOUSIE UNIVERSITY, HALIFAX

Private, nondenominational.

Admission Requirements: Junior matriculation, grade XI, seven subjects, including two languages.

Degrees:

Bachelors:

Arts—4 years, honors
Science—4 years
Music—4 years
Science (Engineering Physics)—5 years
Science (Food Technology)—5 years
Laws—5 years (2 in Arts, 3 in Law)
Nursing Science—5½ years (3 in Arts, 2½ in training)
Education—1 year after diploma, which in turn is one year after B. A.

Masters:

Arts—1 or 2 years after B. A.
Science—1 or 2 years after B. Sc.
Laws—1 or 2 years after LL.B.

Doctors:

Dental Surgery—6 years (2 in science, 4 in Dentistry)
Medicine—8 years (3 in Science, 5 in Medicine)

Diplomas:

Engineering—3 years
Pharmacy—2 years
Public Health Nursing—1 year past B. S.
Psychiatry—3 years past M. D.
Education—1 year past B. A.
Licentiate in Music—3 years

Affiliated Colleges and Schools:

Pine Hill Divinity Hall, Halifax
Prince of Wales College, Prince Edward Island
Halifax Conservatory of Music
Maritime Academy of Music, Halifax
Maritime College of Pharmacy, Halifax
Convent of the Sacred Heart (Arts), Halifax

Recommendations: Allow credit for applicable subjects on a calendar basis. Accept bachelor's degree for graduate standing.

Affiliated colleges and schools: To the extent that subjects taken are applicable, allow credit on the same basis as work taken in Dalhousie University.

MOUNT SAINT VINCENT COLLEGE, HALIFAX

Catholic women's college, conducted by Sisters of Charity.

Admission Requirement: Junior matriculation.

Degrees:

Bachelors: Arts, Science, Music, Science in Home Economics, Science in Secretarial Studies, Science in Nursing, Science in Elementary Education—4 years

Postgraduate work in Education and Library Science.

Recommendation: Accept applicable credits on a calendar basis.

NOVA SCOTIA AGRICULTURAL COLLEGE, TRURO

A province-supported agricultural college with three programs:

1. Predegree program—2 years, leading to transfer to third-year standing in degree-granting colleges; applicant must have completed grade XI with mathematics.
2. A two-year nondegree program in general agriculture; grade XI must have been passed.
3. Farm classes of practical studies, open to students who have completed grade X, and to selected adults.

Recommendation: Accept predegree program insofar as subjects taken fit your institution's requirements. The other two programs would ordinarily carry no advanced standing credit.

NOVA SCOTIA TECHNICAL COLLEGE, HALIFAX

This college has an interesting arrangement whereby the first three years of its five-year engineering program are provided at the following universities: Acadia, Dalhousie, King's, Memorial, Mount Allison, St. Francis Xavier, St. Mary's, and the University of New Brunswick.

Degrees: Bachelor of Engineering, Master of Engineering

Recommendations: Accept credits as taken in accord with your own requirements. Check for equivalence in physics and chemistry laboratory courses. The Bachelor of Engineering *with high grades* should admit to the graduate divisions of United States Colleges of Engineering.

KING'S COLLEGE, HALIFAX

Directly associated with Dalhousie University; grants Arts and Science degrees through Dalhousie, but controls its own divinity degrees.

ST. FRANCIS XAVIER UNIVERSITY, ANTIGONISH

Coeducational, Catholic.

Admission Requirement: Junior matriculation (grade XI).

Degrees:

Bachelors:
- Arts—4 years; honors, 5 years
- Science—4 years; honors, 5 years
- Commerce—4 years
- Science in Home Economics—4 years
- Science in Nursing—4 years
- Education—2 years postgraduate training

Masters:
- Arts—2 years postgraduate study in selected fields
- Social Work—2 years postgraduate study at the Maritime School of Social Work

Diplomas:

- Engineering—3 years; admits to fourth year of 5-year course at Nova Scotia Technical College and other engineering schools
- Education—1 year postgraduate training; qualifies for High School License of the Nova Scotia Department of Education

Affiliated Colleges:

Mount St. Bernard College
St. Martha's School of Nursing
Xavier Junior College, Sydney

Recommendation: Accept applicable credit on a year-for-year basis.

ST. MARY'S UNIVERSITY, HALIFAX

Men, Catholic.

Admission Requirement: Junior matriculation (grade XI) in English, French, Latin, algebra, geometry, history.

Degrees: Bachelors in Arts, Science, Science with Engineering, Commerce—4 years

Diplomas:

- Engineering—3 years of the B. Sc. Course; this diploma admits to Nova Scotia Technical College, where the degree work can be finished in 2 years.
- Journalism—3 years

Recommendation: Accept applicable credit on a calendar basis.

Ontario

ELEMENTARY AND SECONDARY SCHOOLS

Elementary schools may be public or "separate" (church controlled). Academic secondary schools may be:

1. Continuation schools—small country high schools, often with only two teachers, ordinarily do not give 13th grade work.
2. High schools—give 9th through 13th grade work. May also have commercial, agriculture, home economics, and industrial arts.
3. Collegiate institutes—high schools in which certain departments are directed by teachers with specialist standing.

Graduation: The 12th grade graduation (Secondary School Graduation Diploma) is given by the provincial department of education on recommendation of the school principal and staff. Credit for grade XIII is given only on successful passing of uniform departmental examinations.

Recommendation: Transfer to United States high schools on a calendar basis. Accept completion of grade XII as equivalent to United States high school graduation. Completion of grade XIII with satisfactory examination grades should admit to sophomore standing. Note here, as elsewhere in other Canadian provinces, the possible absence of laboratory work as it is done in the freshman year of United States colleges.

ASSUMPTION COLLEGE, WINDSOR

An integral part of the University of Western Ontario. Treat as you would credit from Western Ontario, with due regard for emphasis on religious courses.

CARLETON COLLEGE, OTTAWA

Admission Requirements: Ontario Secondary School Graduation Diploma (junior matriculation, grade XII). Credit is given for senior matriculation if presented.

Degrees:

Bachelors:
- Arts—4 years pass, 5 years honors
- Arts in Public Administration—5 years honors
- Commerce—4 years
- Journalism—4 years

Master of Arts in Public Administration—B.A. plus 1 or 2 years

Certificates:

Public Service Studies—2 or 3 years, evening
Engineering—3 years
Graduate diploma in Public Administration—B. A. plus 1 year

Recommendations: When Carleton College was first established in 1942, it emphasized evening school and public administration courses. Care should be exercised in granting credit on a calendar basis that the courses are not merely designed to increase civil service skills. Otherwise, allow credit on a calendar basis for courses satisfactorily passed.

McMASTER UNIVERSITY, HAMILTON

Baptist, private, organized in three divisions:

1. Divinity School
2. University College—Arts
3. Hamilton College—Science and Nursing

Admission Requirements: To preliminary year, junior matriculation; to regular standing, senior honor matriculation (grade XIII).

Degrees:

Bachelors: (time is from Grade XIII)
Arts—general, 3 or 4 years; honors, 4 years
Commerce—honors only, 4 years
Science—honors only, 4 years
Science in Nursing—5 years
Divinity—3 years after B. A.
Masters: Arts—1 year after B. A. honors; Science—1 year after B. Sc.
Ph.D.: Botany, Chemistry, Physiology—2 years after master's degree

Diplomas: Engineering (pre-engineering course of 1 year admits to second year of Applied Science at Queen's University and University of Toronto).

Recommendations: Accept applicable credits on a calendar basis; accept degrees for graduate standing.

ONTARIO AGRICULTURAL COLLEGE, GUELPH

Affiliated with the University of Toronto.

Admission Requirements: Grade XIII Certificate with satisfactory standing in English, algebra, geometry or trigonometry (preferably both), chemistry, physics, and one foreign language, preferably French.

Degrees (issued through the University of Toronto):
B. S. in Agriculture—4 years from grade XIII
B. of H. Sc.—4 years from grade XIII
M. S. in Agriculture—1 year beyond B. S. A.

Diplomas: Agriculture, a practical course 2 years in length; home economics, 1 year course.

Recommendations: Counting grade XIII, the degree involves a five-year course. Give credit for applicable courses as taken, including grade XIII courses, but total allowed should not be permitted to exceed the proportionate time required for the degree. For the diploma courses, no advanced standing is recommended, except in specialized departments of agriculture or home economics.

UNIVERSITY OF OTTAWA, OTTAWA

Admission Requirements: Junior matriculation (Ontario grade XII) with following subjects: French, English, algebra, geometry, Latin, ancient and modern history, and one of the following—physics, chemistry, agriculture, Greek, Spanish, Italian, German, or other foreign language.

Faculties and Degrees: Ottawa is a Catholic-sponsored university, bilingual in its instructional procedures. Its faculties are divided into two divisions—ecclesiastical and civil:

ECCLESIASTICAL:

Theology—Bachelor, 2 years; License, 4 years; Doctorate, 5 years
Canon Law—Bachelor, 1 year; License, 2 years; Doctorate, 3 years
Philosophy—Bachelor, 2 years; License and M. A., 3 years; Doctorate, 4 years

CIVIL

Law—Bachelors, 3 years; Doctorate by honors only
Medicine—Doctorate, 6 years
Arts: Bachelor, 4 years (offered in education, physical education, philosophy, biological sciences, geographical sciences, political, economic and social science, business administration, public administration, accounting, economics). *Honors* in bachelor's degree may be earned in 5 years.
M. A.—Slavic studies, general history, Canadian History, English literature, French literature, modern literature, philosophy, psychology and education, political science, economics, biology—1 year past the B. A.
Ph. D.—the same subjects as provided for the master's degree—1 year past the M. A.
School of Pure and Applied Science:
Diploma in engineering or architecture—3 years
Bachelor in science—4 years; honors, 5 years
Bachelor in applied science—5 years
Master in physics, chemistry, mathematics
Ph. D. in physics, chemistry, mathematics
School of Nursing: Diploma, 3 years; Bachelor of Science, 5 years
School of Librarianship: Bachelor of Library Science, 1 year past B. A.; Master of Library Science, 1 year past B. Lib. Sci.
Institutes of psychology, physical education and geography

Affiliated Colleges: These colleges have the same admission requirements and examinations as the University of Ottawa.

Collége Bruyère, Ottawa
College Notre Dame, Ottawa
Collège Catholique de Gravelbourg, Saskatchewan
Petit Seminaire d'Ottawa
Collège St. Thomas, Battleford, Saskatchewan
Scholasticat de Sacre-Coeur, Lebrat, Saskatchewan
Collège St. Jerôme, Kitchener, Ontario
Collège Classique de Cornwall
Collège St.-Jean, Edmonton, Alberta
Collège Notre-Dame Wilcox, Saskatchewan

Recommendations: From Ottawa and affiliated colleges accept credits as shown by University of Ottawa's transcripts, but check for subjects in relation to your own requirements in majors and general education. Note the extra year ordinarily required for honors. Note also that some bachelor degrees do not call for four years study beyond junior matriculation and so should not admit to graduate standing, especially true of Ecclesiastical Division.

QUEEN'S UNIVERSITY, KINGSTON

Admission Requirements:

Arts—grade XII Graduation Diploma, including English, a second language, history and mathematics, *plus* grade XIII standing in English, Latin or mathematics, and 2 other subjects.
Applied science—grade XIII English, advanced mathematics, physics, chemistry.
Medicine—grade XIII English, mathematics, physics, chemistry.
Nursing—grade XIII English, chemistry, biology.

Degrees:

Bachelors: Arts, 3 or 4 years; Commerce, 4 years; Science, 4 years; Nursing Science, 5 years; Physical and Health Education, 4 years; Divinity, 2 or 3 years after B. A.
Masters: Arts, 1 year after honors; Commerce, 1 year after B. Com.; Science, 1 year after B. Sc.
Doctors: Medicine, 6 years; Ph.D., 2 or more years after master's degree.

Recommendations: Bachelor's degree equivalent to United States degree in same fields; previous to completion of degree, allow credit for applicable subjects, including grade XIII. Check grade XIII to eliminate high school level subjects.

ROYAL MILITARY COLLEGE, KINGSTON

Federally controlled military college, operated by the Canadian Department of National Defense. One of the best academic universities in Canada reports as follows:

Students seeking admission to R. M. C. must have Ontario Grade XIII (Senior Matriculation) which is the standard of

admission required by this university, and a rather higher standard than is required by most other Canadian universities. As you well know, this standard is, in a very general way, equivalent to the completion of a first year of an ordinary liberal Arts course at most American universities.
Depending upon the options the student chooses at R. M. C., we are quite happy to give him advanced credit for work done there. For example, it is a regular practice for us to admit the graduate of the four year course at R. M. C. to the fourth and graduating year in our Faculty of Applied Science and Engineering. You will understand that there is a differential of one year because the R. M. C. necessarily includes certain military subjects and the curriculum cannot therefore have the full content which our Engineering course requires. Similarly, our Faculty of Arts has on a number of occasions granted advanced credit to students who had done one or more years at R. M. C. Of course, the amount of credit was determined by the courses completed there.

ST. PATRICK'S COLLEGE, OTTAWA

Coeducational, Catholic. Issues degrees under the charter of the University of Ottawa. Instruction is in English, but students generally are expected to have a reasonable command of French.

Admission Requirements: Junior matriculation and senior matriculation, with subject specification varying according to major. Courses for pass degrees are all 4 years from junior matriculation, 3 years from senior.

Degrees:

Bachelor of Arts—4 years
Bachelor of Science—4 years
Bachelor of Commerce—4 years
Bachelor of Science (honors, Chemistry)—5 years
Bachelor of Social Work—1 year postgraduate
Master of Social Work—2 years postgraduate
Master of Arts—3 years postgraduate (at present offered in English only)

Recommendations: Same as for University of Ottawa.

UNIVERSITY OF TORONTO, TORONTO

The Provincial university of Ontario.

Admission Requirements: Grade XIII (senior matriculation).

Grading: A = 75-100, B = 66-74, C = 60-65, D = 50-59, B. L. (below the line) = below 50.

Colleges (Faculties) and Schools:

FACULTIES: Arts (including Science and Commerce), Law, Medicine, Applied Science and Engineering, Household Science, Education (Ontario College of Education), Forestry, Music, Dentistry, Pharmacy.

SCHOOLS: Graduate Studies, Architecture, Physical and Health Education, Social Work, Nursing, Hygiene, Institute of Child Study, Business Administration, Royal Conservatory of Music.

Bachelor and Professional Degrees (years indicated are beyond grade XIII):

Bachelors:
- Music—3 years
- Physical and Health Education—3 years
- Arts—3 years, general; 4 years, honors
- Household Science—3 years, general; 4 years, honors
- Commerce—4 years
- Applied Science—4 years
- Science in Forestry—4 years
- Science in Agriculture—4 years
- Science in Pharmacy—4 years
- Science in Medicine—4 years or 1 year after M.D.
- Science in Nursing—5 years
- Architecture—5 years
- Laws—3 years after B. A. or 2 years of Arts
- Education—1 year beyond approved degree and teacher's certificate
- Library Science—1 year after an Arts or Science degree
- Social Work—1 year after an Arts or Science degree
- Science in Dentistry—4 years or 1 year after D. D. S.

Doctors:
- Dental Surgery—5 years
- Veterinary Medicine—5 years
- Medicine—6 years

Graduate Degrees:

Masters: Arts (1 year after an honors B. A.; 2 years from a general B. A.), Commerce, Surgery, Applied Science, Science in Forestry, Laws, Science in Dentistry, Architecture, Science in Agriculture, Veterinary Science, Social Work, Education, Library Science, Music, Science in Pharmacy

Doctors: Philosophy, Music, Juris, Veterinary Science, Education, Social Work

Diplomas:
- Public Health—1 year for graduates in Medicine
- Industrial Hygiene—1 year for graduates in Medicine
- Radiology—1 year for graduates in Medicine
- Psychiatry—1 year for graduates in Medicine
- Art as applied to Medicine—3 years
- Librarianship—1 year after an Arts or Science degree
- General Nursing and Public Health Nursing, Part 1—3 years
- Public Health Nursing, Part 2—1 year after Part 1
- Dental Nursing—1 year from grade XIII
- Dental Public Health—1 year for graduates in Dentistry
- Dental Oral Surgery and Anesthesia—1 year after 3 years of dental practice
- Orthodontics
- Periodontology

Dental Hygiene—2 years from grade XIII
Dentistry (Pedodontia)
Hospital Administration—2 years after B. A.
Veterinary Public Health—1 year for graduates in Veterinary Medicine
Child Study—1 year after bachelor's degree
Physical and Occupational Therapy—3 years

Certificates:

Clinical Supervision (Nursing)—1 year for graduate nurses
Nursing Education, General—1 year for graduate nurses who have had experience in charge of nurses
Nursing Education, Advanced—1 year after General
Public Health Nursing, General—1 year for graduate nurses
Public Health Nursing, Advanced—1 year for graduate nurses with Public Health experience
Public Health (Hygiene)—1 year for graduates in Arts or Science
Physical Therapy, Teacher's—1 year after Diploma in Physical Therapy and 1 year of practice
Business—evening classes; time varies

Affiliated Colleges:

Albert College, Belleville (a junior college)
Ontario Agricultural College, Guelph
Ontario Veterinary College, Guelph
Ontario College of Art, Ontario

Recommendations: Allow full credit on calendar (i.e., first year equals United States sophomore year) basis, in accordance with your own policy for accepting subject credit. Degrees should be accepted for graduate classification, but transcripts showing the "general" degree should be checked, particularly for adequate preparation in the field of proposed graduate study.

Affiliated colleges: Treat credit and degrees as if the work had been done in the University of Toronto.

UNIVERSITY OF WESTERN ONTARIO, LONDON

Admission Requirements: Grade XIII Certificate, except to home economics and to affiliated colleges, in which cases grade XII is acceptable.

Colleges and Schools:

Arts and Science (University College)
Medical School
School of Nursing
School of Business Administration

Degrees:

Bachelors:
Arts—3 years beyond grade XIII for general; 4 years for honors
Science—4 years
Science in Nursing—5 years

Masters:
Arts—1 or 2 years after B. A.
Science—1 or 2 years after B. A. or M. D.
Classical Science—5 years after M. D.
Business Administration—1 or 2 years after B. A.
Doctors:
Medicine—4 years after 2 years in Arts
Philosophy—at least 3 years after B. A. honors or B. Sc. honors

Affiliated Colleges:

St. Peter's Seminary College of Arts, London; Roman Catholic diocesan college; men only; residences; four-year Arts course.

Ursuline College, London; Roman Catholic; administered by the Ursuline Sisters; women only; residences; four-year Arts course.

Waterloo College of Arts; Waterloo; Evangelical Lutheran; co-educational; residences; four-year Arts course.

Huron College, London; Church of England; men only; residences; Theology and Theological options only; Arts work taken in University College.

Music Teachers' College, London; four-year degree course in Arts and Music combined; the Arts work is taken in University College.

Alma College, St. Thomas; United Church; women only; residences; junior college.

Recommendations: Accept for full credit on a calendar (i.e., first year equals United States sophomore) basis, in accordance with your own institution's policy in regard to subject credit. Accept the bachelor's degree for graduate admission, but the applicant who holds only the general or pass degree should be held for at least one semester of upper division work in his field of proposed graduate study.

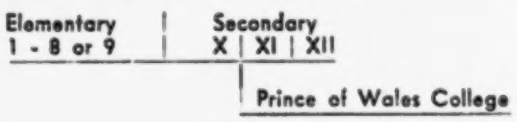
Affiliated colleges: Consider on the same basis as work taken in the University of Western Ontario, but make allowance if admission has been granted on grade XII.

MISCELLANEOUS COLLEGES, ONTARIO

Ontario has many small colleges of various types—seminary, commercial, arts, and professional—too varied to be listed in this report.

Recommendation: In evaluating records from these colleges, be sure to ask for a report on secondary school standing of the applicant. Allow credit from suitable college programs in accordance with your own subject and other policies.

Prince Edward Island



ELEMENTARY AND SECONDARY SCHOOLS

The first eight years, and sometimes the ninth, may be given in the elementary school. Regional high schools give work in grades IX,

X, XI, and XII. Junior matriculation is given at the end of grade XI, and senior matriculation after grade XII.

Prince of Wales College: This is a junior college, giving grades XI, XII, and XIII. Its credits are accepted for entrance to the third year of college at most Canadian universities.

Recommendations: Junior matriculation equals United States high school graduation. Senior matriculation may equal up to one year of United States advanced standing, subject to the probability, however, that the science courses will not have included laboratory work as understood in United States freshman courses.

Prince of Wales College: Completion of grade XIII, or graduation from the College, may give junior standing in a United States college, provided the student has met required distribution of subjects.

ST. DUNSTAN'S COLLEGE, CHARLOTTETOWN

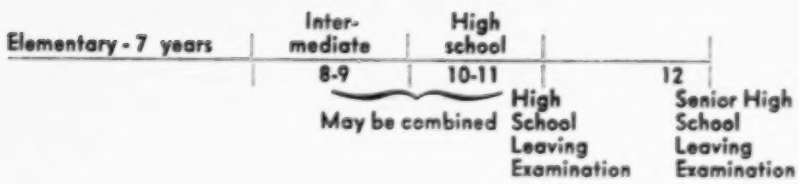
Coeducational, Catholic

Admission Requirement: Junior matriculation.

Degrees: Bachelor of Arts, Science, Commerce—4 years

Recommendation: Allow credit as it fits your requirements on a calendar basis.

Quebec



PROVINCIAL SCHOOLS

Provincial-supported schools are usually operated as a church-controlled system. These are not parochial schools in the United States meaning of the term, but are provincial schools in every sense of the term. The provincial Council of Education is composed of two committees, one Protestant, one Roman Catholic. The Council has overall control, but each committee decides issues which exclusively concern its type of school. The seven-year elementary school is reasonably uniform. After the 7th grade, the student may enter (1) an intermediate school (8th and 9th grades); (2) an agriculture or trade school for boys, or a domestic science or commerce section for girls; (3) a four-year academic high school leading to the High School Leaving Certificate (junior matriculation), and a year later to the Senior High School Leaving Certificate; or (4) a classical college or seminary directly under church control.

Course of Study in Protestant High Schools

Grade IX	Grade X	Grade XI	Grade XII
Constant Subjects			
Arithmetic English Literature English Composition French History	English plus composition French	English literature and composition French	English literature English composition
Elective Subjects			
Two of following: Algebra Extra French General science Geography Geometry Latin North American literature In some schools Agriculture Art Music, etc.	Four of following: Algebra Extra French Geography Geometry German Greek History Latin North American literature Spanish, etc.	Five of following: Algebra Int. algebra Extra French Geography Geometry German Greek History Latin N. American lit. Spanish Trigonometry etc.	Three of following: Arts and crafts Biology Chemistry French (oral and written) Geography German History Latin Mathematics Music North American literature Physics

Course of Study in English Catholic High Schools, Classical Course

First and Second Years	Third and Fourth Years	Fifth Year
Catechism	Religion	Religious knowledge
English grammar and composition	English grammar and composition	English literature and composition
English literature	English literature	History
Mathematics	Geometry	French
French	Algebra	German
General history	French grammar	Spanish
Science	French literature	Chemistry
Latin grammar	General history	Physics
Drawing	Chemistry or physics	Mathematics, Course I—trigonometry, algebra and geometry
Household science (girls)	Latin grammar*	Mathematics, Course II—trigonometry, algebra, geometry, and analytic geometry
Callisthenics	Latin texts*	
	Drawing (3rd yr. only)	
	Household science (girls)	
	Callisthenics	

*Latin may be replaced by intermediate mathematics in fourth year.

French Catholic High Schools for Boys

(Ecoles primaires supérieures garcons)

WEEKLY PROGRAM OF STUDIES

Subjects	10th	11th	12th, science course	12th, commerce course
Religion	2	2	2	2
French	5	5	5	5
History and geography	3	3	3	—
Commercial geography	—	—	—	1
English	5	5	5	5
Mathematics (arith., aig., geom.)	5	5	—	—
Algebra, solid geom. and trig.	—	—	5	—
Commercial arithmetic	—	—	—	2
Sciences	4	4	6	—
Bookkeeping	2	2	—	8
Stenography and typewriting*	2	2	2	4
Political economy	—	—	—	1
Drawing	1	1	1	1
Physical education	1	1	1	1
Total 50 minute periods per week	30	30	30	30

*In rural schools agriculture courses are given in grades 10, 11, and 12.

N. B.: One hour of study a day is obligatory in all classes.

French Catholic High Schools for Girls

(Ecoles primaires supérieures filles)

WEEKLY PROGRAM OF STUDIES

Constant Subjects	*10th*	*11th*	*12th*
Religion	3	3	3
French	5	5	5
English	5	5	5
History, geography, and related sciences	3	3	3
Family education	1	1	1
Domestic science	2	2	2
Bookkeeping	1	1	1
Physical education	1	1	1
Total	21	21	21

Elective Subjects	*General section*			*Commercial sec.*			*Special section*		
	10th	11th	12th	10th	11th	12th	10th	11th	12th
Arithmetic	2	2	2	2	2	2	–	–	–
Algebra	2	2	2	1	1	1	1	1	1
Geometry	–	–	–	–	–	–	2	2	2
Biology, chemistry, and physics	1	2	2	–	–	–	2	2	2
Latin	–	–	–	–	–	–	4	4	4
Commercial subjects	2	2	2	6	6	6	–	–	–
Drawing	2	1	1	1	1	1	–	–	–
	9	9	9	10	10	10	9	9	9

Total for each section: 30 periods or lessons per week, 50 minutes each.

SEMINARIES AND CLASSICAL COLLEGES

The following is quoted from the description in *Canadian Universities and Colleges,* 1954 edition, relating to the University of Montreal:

> The classical colleges and seminaries are private institutions, directed by the secular or regular clergy, affiliated with the Faculty of Arts, and give the courses required for the bachelor of arts . . . The classical course is eight years in length and consists of three stages. The first stage is four years in length and ends with the university matriculation examination. The program of studies followed to the bachelor's degree differs somewhat, depending on whether one follows programs A, B, or C. At the second stage, lasting two years, sections A and B are identical, and their programs are validated by the bachelor's examination, first part. The examinations required are: compositions in French and Latin, translations in Latin and Greek, a composition in English and an examination in mathematics. For the students in Section C, the examination in Greek is replaced by a second examination in mathematics. In the third period, which also is two years in length, the candidates who have been successful in the preceding examination choose between options A and B. Option A requires examinations in philosophy, mathematics, physics, and chemistry, with emphasis on philosophy; in option B, emphasis is less on philosophy, and the study of the sciences is emphasized, with biology added to the subjects of option A. . . .
>
> The bachelor of arts (at the end of the third period) certifies to a level of general culture, but does not include specialization in any subject. It gives admission to the faculty of higher or professional studies. . . .

PLACEMENT RECOMMENDATIONS

The *11th grade High School Leaving Certificate* (junior matriculation) equals United States high school graduation. With proper grades as required by institutional policy, accept for freshman standing. Note, however, the subject and time distribution in the courses of the provincial schools.

The *12th grade Senior High School Leaving Certificate* (senior matriculation) may be allowed not to exceed 30 units of advanced standing, distributed in accordance with examinations passed, and your own institutional policies. Laboratory work in science may be deficient by United States standards.

The *classical colleges and seminaries* are different from any institutions we have in the United States (except seminaries of the Roman Catholic Church) and determination of advanced standing credit is difficult and will vary greatly from one college to another. Because the curriculum is so very limited, care should be exercised to fit subjects completed to your own program. Training in languages

will be good; science will vary from very little laboratory to none at all. The transfer student should be held for all general education requirements of your own institution; if this policy is followed, the second stage should ordinarily yield from 15 to 30 units of advanced standing, the bachelor of arts or third stage, from 45 to 60 units.

BISHOP'S UNIVERSITY, LENNOXVILLE

Coeducational, Anglican control. Faculty of Arts and Sciences, Faculty of Divinity, and Department of Education.

Admission Requirements: Junior matriculation or the university's matriculation examination. English, mathematics, foreign language, and 3 other subjects required.

Degrees: Bachelors in Arts, Science, Economics—3 years; Theology, 4 years. M. A., M. Ed.—2 years beyond bachelor's, thesis required.

Recommendation: Allow credit for appropriate subjects on a year-for-year basis. Require additional undergraduate work in major field in the case of persons with 3-year degree who want to enter graduate study.

L'UNIVERSITE LAVAL, QUEBEC

This institution and most of its many affiliates are Roman Catholic institutions serving a French-speaking population.

Faculties and Schools:

Theology
Philosophy
Law
Medicine, including affiliated Nursing Schools and courses in Technological Medicine
Arts, including preparatory level courses in letters-sciences and the regular classical course, Music, and Domestic Science
Letters, including Institute of History and Geography, Library Science, and Modern Languages
Sciences, including Engineering, Mining and Metallurgy, Pharmacy, Station Biologique de St-Laurent, and the Superior Normal School
Agriculture, including School of Fisheries
Social Science, including Social Work
Surveying and Forestry
Commerce
Graduate

Admission: Admission to the University of Laval is based on the bachelor of arts earned in the classical colleges (see section on the classical colleges earlier in this chapter) and granted by Laval University. The time schedule for Laval degrees is based on the classical B. A. Note that in the scientific colleges four or five years beyond the B. A. are required for the baccalaureat.

Degrees:

Theology—Bachelor, 2 years after A.B. (Baccalauréat ès Arts); License, 4 years after A. B.; Doctorate, 5 years after A. B.
Philosophy—Bachelor, 2 years after A. B.; License, 4 years after A. B.; Doctorate, 5 years after A. B.
Law—Bachelor, 4 years after A. B.; License, 4 years after A. B.; Doctorate, 5 years after A. B.
Medicine—Bachelor, 2 years after A.B.; Doctorate 5 years after A. B.
Pedagogy—Bachelor, 2 years after A. B.; License, 3 years after A. B.; Doctorate, 4 years after A. B.
Applied Science (Engineering)—5 years after A. B.
Social Science—Bachelor, 3 years after A. B.; License or Master, 4 years after A. B.
Business Administration—Bachelor, 2 years after A. B.
Science (in various specialties)—Bachelor, 4 years after A. B.

Affiliated Institutions:

"Grand Seminaries" (schools of theology) are located in conjunction with "Little Seminaries" at Rimouski, Chicoutimi, Nicolet, and Trois-Rivières. They are affiliated with the Faculty of Theology of Laval.

"Little Seminaries" and "Classical Colleges" for Men (previously described as a part of secondary education) in reality constitute the Faculty of Arts of the University, which regulates the courses and grants degrees in arts.
Petit Séminaire de Québec
Petit Séminaire de Nicolet
Collège de Ste-Anne de la Procatière
Petit Séminaire St-Joseph, Trois-Rivières
Petit Séminaire de Saint-Germain de Rimouski
Petit Séminaire de Chicoutimi
Collège de Lévis
Petit Séminaire de Mont-Laurier
Collège St-Alexandre, Pte-Gatineau
Séminaire du Sacré-Coeur, St-Victor, Beauce
Séminaire de Gaspé
Collège des Jésuites, Quebec
Séminaire St-Alphonse, Ste-Anne de Beaupré et Aylmer
Séminaire St-Antoine, Trois-Rivières et Québec
Externat Saint-Jean-Eudes, Québec
Séminaire Montfortain, Papineauville
Juvénat des Pères Maristes, Sillery
École Apostolique du Sacré-Coeur, Beauport
Collège d'Amos, Abitibi
Séminaire Ste-Marie, Shawinigan
Séminaire de St-Georges de Beauce
Collège de Marie-Médiatrice, Hull
Collège des Jésuites, Sudbury, Ontario—"associated college"
St. Dunstan's University, Charlottetown, P. E. I.—"associated college," separately listed in the province of Prince Edward Island

Other Schools for Men:

Academie de Quebec, offers courses in Commerce
L'Institut des Frères du Sacré-Coeur, Arthabaska
Ecole d'Agriculture de Ste-Anne, Ste-Anne-de-la-Pocatiere
Ecole des Pècheries, Ste-Anne-de-la-Pocatiere — School of Fisheries

"Classical Colleges" for Women, similar to classical colleges for men:

L'Institut des Dames Religieuses de Jésus-Marie de Sillery
L'Institut des Dames Religieuses de l'Assomption, Nicolet
L'Institut des Dames Religieuses des Ursulines, Trois-Rivières
L'Collège de Ursulines, Quebec
Pensionnat Notre-Dame de Bellevue, Quebec
Collège des Ursulines, Rimouski
Scholasticat des Soeurs Grises de la Croix, Hull

Other Affiliated Institutions:

École Supérieure de Sciences Domestiques, Quebec—Degree courses in Domestic Science
École d'Architecture (Beaux-Arts), Montreal — Professional school maintained by the provincial government offering a 5-year course in Architecture
Mt-St-Louis, Montreal—"Secondary science" course
Fifteen Ecoles de Gardes-Malades — Diploma schools of Nursing
Ten Couvents and 11 instituts affilies—"Higher Primary Instruction," i.e., high school courses for girls

Recommendations: It is difficult to equate the Laval arrangement with United States colleges. Emphasis should be put on the pattern of work completed as well as on the years spent and the degrees earned. The following suggestions on educational levels are reasonable appoximations:

1. Bachelor in Arts (Baccalauréat ès Arts) may equal junior standing in the United States, subject to completion of any required United States pattern of general education.
2. Baccalauréat, or License, or Doctorat requiring not less than two years beyond the bachelor in arts would equal the United States bachelor's degree in the same field.
3. Master of Arts in history or arts would equal senior standing in the United States colleges (requires only one year beyond the B. A.).

In general, credit from "affiliated colleges" should be treated as are credits from the parent institution. However, the record of the individual should be carefully checked for your own subject requirements for the degree—see notes above on classical colleges. After due allowance has been made for limited subject matter, credits should be allowed on a calendar basis as passed in the institution involved.

See also the recommendations for Montreal. While not identical, the two universities are similar.

McGILL UNIVERSITY, MONTREAL

Non-denominational; coeducational in most faculties and schools. Royal Victoria College is women's college of McGill University.

Admission Requirements: For admission to the first year of the B. A. course the requirements are Junior Matriculation with English, history, algebra, goemetry, two languages, one of which must be either Latin or Greek. The remaining subject may be chosen from a liberal list of options. For Science, Commerce, or Engineering, additional mathematics or sciences may replace Latin or Greek.

A student with Junior and Senior Matriculation in the appropriate subjects may be admitted to the second year of the B. A., the B. Sc., the B. Com., or the B. Eng. course.

Admission is definitely selective, the number of students in each faculty being limited.

An undergraduate in the Faculty of Arts and Science may proceed to a general degree, involving the study of a fairly wide range of subjects with a limited amount of specialization, or to an honors degree which, after the second year, necessitates almost complete specialization in either one or two subjects.

Degrees (time is from junior matriculation unless otherwise stated):

Bachelor of Music, Mus. B.; 3 years
Bachelor of Arts, B. A.; 4 years
Bachelor of Science, B. Sc.; 4 years
Bachelor of Commerce, B. Com.; 4 years
Bachelor of Science in Agriculture, B. Sc. (Agr.); 4 years
Bachelor of Science in Home Economics, B. Sc. (H. Ec.); 4 years
Bachelor of Science in Physical Education, B. Sc. (P. Ed.); 4 years
Bachelor of Education, B. Ed.; 4 years
Bachelor of Engineering, B. Eng.; 5 years
Bachelor of Science in Physical and Occupational Therapy, B. Sc. (P. O. T.); 5 years
Bachelor of Architecture, B. Arch.; 6 years
Bachelor of Civil Law, B. C. L.; 3 years after 2 years of Arts and Science
Bachelor of Nursing, B. N.; 2 years after Senior Matriculation and graduation from an approved school of nursing
Bachelor of Library Science, B. L. S.; 1 year after a B.A. or a B. Sc.
Bachelor of Divinity, B. D.; 3 years after a B. A. from a recognized university
Doctor of Dental Surgery, D. D. S.; 4 years after at least 2 years in Arts and Science
Doctor of Medicine and Master of Surgery, M. D., C. M.; 4 years after at least 3 years of university work, complete B. A. or B. Sc. recommended.
Master of Arts, M. A.; at least 1 year after B. A.
Master of Architecture, M. Arch.; at least 1 year after B. Arch.
Master of Science, M. Sc.; at least 1 year after B. Sc.
Master of Engineering, M. Eng.; at least 1 year after B. Eng.
Master of Commerce, M. Com.; at least 1 year after B. Com.

Master of Sacred Theology, S. T. M.; at least 1 year after B. D.
Master of Science (Applied); at least 1 year after B. A. or B. Sc.
Master of Social Work, M. S. W.; at least 2 years after B. A.
Master of Civil Law, M. C. L.; at least 1 year after B. C. L.
Master of Laws, LL. M. (Air Law); at least 1 year after Law degree
Doctor of Science (Applied); at least 3 years after B. A. or B. Sc.
Doctor of Philosophy, Ph. D.; at least 3 years from the Bachelor's degree
Doctor of Civil Law, D. C. L.; at least 7 years after B. C. L.
Doctor of Music, Mus. D.; at least 7 years after Mus. B.

Diplomas and Certificates:

Diploma in Public Health, D. P. H.; 1 year for graduates in Medicine
Diploma in Tropical Medicine and Hygiene, D. T. M. and H.: 1 year after M. D.
Diplomas in the Clinical Specialities; at least 3 years after M. D.
Diploma in Household Science; 1 year
Diplomas for Graduate Nurses, several options; generally 1 year each, after graduation from an approved school of nursing
Diploma in Physical or Occupational Therapy; 3 years after Junior Matriculation
Diplomas in Education (McGill Department of Education and Macdonald College); Elementary and Intermediate: 1 or 2 years. High School: 1 year after B. A., B. Sc. or B. Com.
Diploma in Agriculture; 2 years
Licentiate in Music, L. Mus.
Associate in Music, A. Mus.

Affiliated Institutions:

Macdonald College, Sainte-Anne de Bellevue; undenominational, coeducational; an incorporated college of McGill University. Full courses and short courses in Agriculture and Household Science; also Provincial Normal School. Degree courses in Agriculture controlled by, and degrees for same granted by, McGill. Other courses in Agriculture and those in Household Science under the direction of the College.

United Theological College, Montreal; United Church; affiliated to McGill Faculty of Divinity. Grants certificates for ordination but degree-granting powers held by McGill.

Diocesan Theological College, Montreal; Anglican. Relation to McGill same as United Theological College.

Montreal Presbyterian College, affiliated to McGill. Degree in Theology.

Recommendations: Note that McGill University admits on either the Junior Matriculation or Senior Matriculation. Also that admission is on a selective basis. For a student admitted on Junior Matriculation, transfer to a United States college should be on a year-for-year basis, with full credit for McGill courses. A student accepted at McGill with Senior Matriculation would be entitled to 30 units of advanced standing credit for Senior Matriculation, plus a year-for-year credit for work taken at McGill. McGill degrees should be accepted as in every way equivalent to U. S. degrees.

UNIVERSITE DE MONTREAL

Roman Catholic institution, very similar to Laval University of which it was originally a part.

Faculties and Schools: Theology (Grand Seminaire de Montreal); Law; Medicine; Science; Philosophy, including l'Institut de Psychologie and l'Institut d'Études Mediévales; Letters; Hygiene; Music; Dietetics; Dentistry; Pharmacy; Social Science, including Social Service and Industrial Relations; Nursing; and the affliated schools listed below in Agriculture, Commerce, Engineering and Applied Science, Optometry, Pedagogy, and Veterinary Science.

Admission Requirements: Possession of a "Baccalauréat ès Arts" or senior matriculation. The bachelor of arts admits to the second year (U. S. junior) or by special action of the faculty, to the third year (U. S. senior). Senior matriculation admits to the first year (U. S. sophomore).

Degrees:

Theology—Bachelor, 2½ years after B. A.; License, 1 year after B. Th.; Doctorate, 1 year after license

Law—Bachelor, 3 years after B. A.; License, same as bachelor but denotes higher scholarship; Master, 1 year after LL. B.: Doctorate, 3 years after bachelor

Medicine—Doctorate, 5 years after A. B.; Bachelor in nutrition, 3 years after A. B. or 4 years after senior matriculation: Master in nutrition, 1 year after bachelor

Philosophy—Bachelor, 1 or 2 years after B. A.; License, 1 year after bachelor; Doctorate, 1 year after license (similarly for mediaeval studies and psychology)

Letters—master, 1 year after A. B.; License, 2 years after A. B.; Doctorate, 2 years after license

Sciences—Bachelor, 4 years after A. B.; Master, 1 year after B. Sc.: Doctorate, 2 years after M. Sc.

Social Science—Master, 3 years after A. B.

Degrees are also offered in dentistry, pharmacy, hygiene, music, optometry, engineering, pedagogy, librarianship, medical technology, agricultural sciences, veterinary medicine, business administration

Affiliated Institutions: Many of these fill the places of professional faculties of the University, which has direct control of the courses and grants the degrees, but has no financial control.

Professional Schools:

École Polytechnique, Montreal—Provincial, Applied Science
École des Hautes Études Commerciales, Montreal—Provincial
Institut Agricole d'Oka
École de Médecine Vétérinaire, St. Hyacinthe—Provincial
École d'Optométrie, Montreal
Institut Marguerite d'Youville, Montreal—Nursing and Hospital Administration
Institut Pédagogique St-Georges, Laval-de-Rapides—men
Institut Pédagogique, Montreal

École Normal Secondaire, Montreal
École de Technologie Médicale, Montreal—Training school for technicians in Medical Science. Course covers two years from senior matriculation. "Annexed" to Faculty of Medicine.

Classical Colleges and Seminaries for Men:
Petit Séminaire de Montréal
Séminaire de Philosophie, Montreal
Séminaire de St-Hyacinthe
Séminaire de Ste-Thérèse
Collège de l'Assomption
Seminaire de Joliette
Collège Ste-Marie, Montreal—Jesuit institution, controls its own courses and examinations; University grants recommended degrees.
Collège Bourget, Rigaud
Collège de St-Laurent
Séminaire St-Charles Barromee, Sherbrooke
Séminaire de Valleyfield, Salaberry de Valleyfield
Séminaire de St-Jean, St. Jean
Collège Loyola, Montreal
Collège Jean-de-Brébeuf, Montreal
Collège André-Grasset, Montreal
Externat Classique Ste-Croix, Montreal
Collège Stanislas, Montreal
Séminaire Marie-Médiatrice, Montreal
Séminaire Oblat de Marie-Immaculée, Chambly Bassin
Collège St-Christophe, Iles St-Pierre et Miquelon
Séminaire St-Sacrement, Terrebonne
Collège St. Denis, Montreal
Collège Notre-Dame des Servites, Ayer's Cliff, Co. Stanstead
Séminaire des Saints-Apôtres, Laprairie
Externat Classique de Longueuil, Montreal
Externat Classique St-Viateur, Montreal
Séminaire Saint-Francois, Quebec
Collège Campion, Regina, Saskatchewan—Also listed with the institutions of Saskatchewan

Classical Colleges for Women:
Collège Marguerite-Bourgeoys, Montreal
Marianopolis Collège, Montreal
Collège Saint-Maurice, St-Hyacinthe
Collège Basile-Moreau, St-Laurent
Collège Marie-Anne, Lachine
Collège Jésus-Marie, Outremont
Collège du Sacré-Coeur, Sherbrooke

Recommendations: It is difficult to equate the Montreal arrangement of degrees into the United States pattern. The basic degree, baccalauréat ès arts, is approximately equivalent to junior standing in United States colleges, and is awarded by Montreal for work in affiliated classical colleges. Note that the bachelor's in fields not covered by the classical program (e.g., science) takes four years to complete and so may be considered equivalent at the bachelor, master, and doctor

levels to similar United States degrees. In the fields of letters and arts, however, the license is no more than equivalent to a United States bachelor of arts, and the doctorate is approximately equivalent to the United States master of arts.

Work done in affiliated institutions should be treated as if done in the University of Montreal, which controls programs and awards degrees.

See also the recommendations for Laval University. While not identical, the transfer of credits will be similar.

SIR GEORGE WILLIAMS COLLEGE, MONTREAL

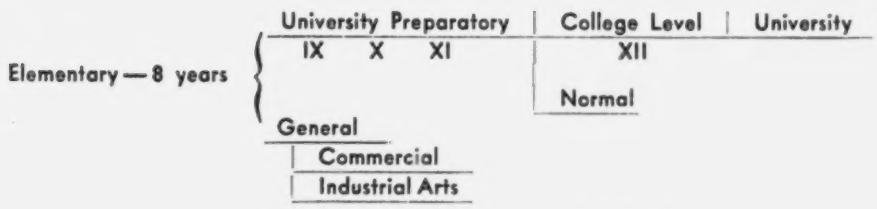
A college established by the YMCA; now has Faculties of Arts, Science, and Commerce; has given degrees since 1936.

Admission Requirements: Secondary school certificate or the equivalent.

Degrees: Bachelors in Arts, Science, Commerce—4 years. Special diploma with B. A. qualifies for YMCA secretaryship.

Recommendation: Evaluate as other four-year degree programs. Check for suitable major before accepting for graduate admission.

Saskatchewan



SECONDARY SCHOOL PROGRAM

In the high schools eight units or credits are taken each year—each subject represents one course.

Grades IX and X: Health and physical education, literature, composition, social studies, mathematics, science, and two electives: the first chosen from German, French, Latin; the other from art, music, drama, shop, home economics, etc.

Grade XI: Literature, composition, social studies, algebra, geometry, and three electives: one from physics, chemistry, agriculture, home economics; and two from Latin, French, German, chemistry, physics, agriculture, home economics, commercial, etc.

Grade XII: Literature, composition, social studies, and five other courses chosen to fit the university major.

Examinations are given for both grade XI and grade XII.

Recommendations: Previous to completion of grade XI with junior matriculation, transfer to United States high schools on a year-for-year basis.

Accept satisfactory passing of *grade XI provincial examinations* as equivalent to high school graduation with credit for subjects passed. Note, however, that the academic program is not as extensive as the grade XII program in Ontario and British Columbia, and so higher grades may well be required.

Grade XII examinations should be carefully appraised from the point of view of whether or not the courses taken are of high school or college level. If the high school examinations were passed at a good level, and if the grade XII examinations were all for college level courses, allow up to 30 units of advanced standing—less if the courses were partly high school level.

SASKATCHEWAN TEACHER'S COLLEGE, MOOSE JAW AND SASKATOON

A one-year course is given, requiring the 11th grade certificate (junior matriculation) for admission. The year of study will count as the first year in the Bachelor of Education degree at the University of Saskatchewan.

Program and Time Allotment for the Year

Course	*Period Allotment per Week*		
	First Term	*Second Term*	*Third Term*
Guidance of learning	10	7	8
Human growth and development	2	2	2
Social foundations of education	2	2	2
Art	2	2	–
Music	2	2	–
Physical education	2	2	1
Enrichment courses (academic)	4	4	4
Electives	2	4	8
Study period, class meetings, etc.	1	2	2
Student assembly	1	1	1
General period—speakers, special activities	1	1	1
Staff meeting	1	1	1
	30	30	30

The length of a period is 45 minutes.

UNIVERSITY OF SASKATCHEWAN, SASKATOON

Provincial university.

Admission Requirement: Senior matriculation, grade XII.

Degrees (time is from senior matriculation):

Bachelors:
Arts—3 years general; 4 years honors
Science in Agriculture—4 years

Science in Engineering—4 years
Education—4 years
Science in Pharmacy—4 years
Science in Nursing—5 years (including time at Hospital)
Commerce—3 years
Household Science—4 years
Laws—4 years, including 1 year in Arts and Science

Masters:

Arts—1 year from honors B. A.
Science—1 year from B. Sc.
Education—1 year from B. Ed.

Doctorate: Philosophy—3 years from honors undergraduate degree

Certificates:

Associate in Arts—1 year (given in the junior colleges)
Agriculture—2 years
Associate in Education—2 years
Education—1 year after a degree in suitable area
Associate and Licentiate in Music—1 year and 2 years, respectively
Clinical Laboratory Technique—1 year after graduation in Arts; 2-year certificate course at Regina College

Federated Colleges:

Regina College, Regina—a constituent college of the university
Emmanuel College (Anglican)
St. Andrew's College (United Church of Canada)
Lutheran College and Seminary (Canadian Lutheran)
Luther Theological Seminary
St. Thomas More College (Roman Catholic)—an undergraduate Arts College, offering in co-operation with the College of Arts and Science, all courses leading to the B. A. degree of the University of Saskatchewan.

Associated Junior Colleges: These colleges are authorized to give the first year of the Arts course (equivalent to United States sophomore year):

Campion College, Regina
Sacred Heart College
St. Peter's College, Muenster
Luther College, Regina

Recommendations: Accept applicable credits on a year-for-year basis. Either the pass or honors degree is acceptable *as a degree,* but the applicant for graduate standing who has the pass or "general" degree only should be held for at least one semester of upper division work in the field of his proposed graduate study.

Bibliography

1. *The Organization and Administration of Public Schools in Canada.* Dominion Bureau of Statistics, Ottawa, Canada. 1952. 312 pp. $1.00.

2. *Canadian Universities and Colleges, 1954.* The National Conference of Canadian Universities. Published biennially. Contains excellent short descriptions of each university, and a summary of graduate fellowships and scholarships. Ottawa, Ontario. $2.50.

3. *The Yearbook of the Universities of the Commonwealth.* The Association of Universities of the British Commonwealth, 1956.

4. Provincial publications descriptive of school organization, curricula, examinations, etc.

PUBLICATIONS OF AACRAO

Requests for any of the following publications may be addressed either to the person indicated, or to the Secretary of the Association, Miss Florence Brady, Occidental College, Los Angeles 41, California.

1. COLLEGE AND UNIVERSITY, the Journal of AACRAO. The current volume is Volume 32. Many back numbers are out of print, but others are obtainable. $1.00 each (50c to members of the Association). Address inquiries to E. Vincent O'Brien, Treasurer of AACRAO, Fordham University, 302 Broadway, New York 7, New York.

2. *Topical Index* of COLLEGE AND UNIVERSITY and its predecessors (*Proceedings*, 1910-1924; *Bulletin*, 1926-1937; *Journal*, 1937-1947) through Vol. 25. (Volumes 26 ff are indexed in the Summer issue of each year.) Address the Editor at the Office of the Registrar, Pace College, 41 Park Row, New York 38, New York.

3. *An Adequate Transcript Guide*, 1952 Revision. The Association's official guide to the preparation of an acceptable transcript. Howard Shontz, University of California, Davis, California.

4. *Report of Credit Given*. A summary report of accreditation policies by states. Published annually. Ted McCarrel, University of Iowa, Iowa City, Iowa. ($1.00 per copy.)

5. *AACRAO Policies and Procedures* (A Handbook). D. T. Ordeman, Oregon State College, Corvallis. $1.00 with order.

6. *College Age Population Trends*, 1940-1970. Ronald B. Thompson, Ohio State University, Columbus.

7. *The Impending Tidal Wave of Students*. Ronald B. Thompson, Ohio State University, Columbus.

8. *Machine Equipment for Efficient Office Operation*. Nelson M. Parkhurst, Purdue University, W. Lafayette, Ind. ($1.00 per copy.)

9. *Professional Training Recommended for the Registrar and Admissions Officer*. Ellen L. Deering, College of the Pacific, Stockton, California.

10. *Secondary School—College Co-operation: an Obligation to Youth.* Clyde Vroman, University of Michigan, Ann Arbor, Mich. (35c per copy; 30c if ordered in lots of over 25.)

11. *A Glossary of Terms Used by Registrars and Admissions Officers.* Robert E. Mahn, Ohio University, Athens. ($1.00 per copy.)

12. *Know Your AACRAO.* Alfred Thomas, Jr., Arizona State College, Tempe.

13. World Education Series:

    Do-It-Yourself Evaluation of Foreign Student Credentials.

    Germany: A Guide to the Academic Placement of German Students in United States Educational Institutions.

    Canada: A Guide to the Academic Placement of Canadian Students in United States Educational Institutions.

    William H. Strain, Indiana University, Bloomington. (*Germany* and *Canada,* $1.00 per copy; *Do-It-Yourself,* single copies no charge, larger orders 25c a copy.)